

OIIPE

RAW SEQUENCE LISTING

DATE: 07/02/2001

PATENT APPLICATION: US/09/751,654

TIME: 16:43:24

Input Set : A:\PTO.txt

Output Set: N:\CRF3\07022001\I751654.raw

SEQUENCE LISTING

ENTERED

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8 (1) GENERAL INFORMATION:
9   (i) APPLICANT: Bavykin, Sergei
10      Akowski, James
11      Mirzabekkov, Andrei
12      Zakhariev, Vladimir
14   (ii) TITLE OF INVENTION: COLUMN DEVICE FOR ISOLATION AND LABELING
15      OF NUCLEIC ACIDS
16   (iii) NUMBER OF SEQUENCES: 10
17   (iv) CORRESPONDENCE ADDRESS:
18      (A) ADDRESSEE: CHERSKOV & FLAYNIK
19      (B) STREET: 20 N. Wacker Drive
20      (C) CITY: Chicago
21      (D) STATE: Illinois
22      (E) COUNTRY: United States
23      (F) ZIP: 60606
24   (v) COMPUTER READABLE FORM:
25      (A) MEDIUM TYPE: 3.50 inch, 1.4 MB storage
26      (B) COMPUTER: PC
27      (C) OPERATING SYSTEM: Microsoft Windows 98
28      (D) SOFTWARE: Wordperfect 8.0.0.153
29   (vi) CURRENT APPLICATION DATA:
C--> 30      (A) APPLICATION NUMBER: US/09/751,654
C--> 31      (B) FILING DATE: 29-Dec-2000
C--> 36   (viii) ATTORNEY/AGENT INFORMATION:
33      (A) NAME: Cherskov, Michael J.
34      (B) REGISTRATION NUMBER: 33,664
35      (C) REFERENCE/DOCKET NUMBER: 0003/00034
C--> 0   (ix) TELECOMMUNICATION INFORMATION:
37      (A) TELEPHONE: (312) 621-1330
38      (B) TELEFAX: (312) 621-0088
41 (2) INFORMATION FOR SEQ ID NO: 1:
42   (i) SEQUENCE CHARACTERISTICS:
43      (A) LENGTH: 17 bases
44      (B) TYPE: nucleic acid
W--> 45      (C) STRANDEDNESS: Not Applicable
46      (D) TOPOLOGY: linear
47   (ii) MOLECULE TYPE: Genomic DNA
48   (iii) HYPOTHETICAL: yes
C--> 49   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
C--> 51 ACCGCTTGTG CGGGCCC 17
53 (2) INFORMATION FOR SEQ ID NO. 2:
54   (i) SEQUENCE CHARACTERISTICS:
55      (A) LENGTH: 18 bases
56      (B) TYPE: nucleic acid
W--> 57      (C) STRANDEDNESS: Not Applicable
58      (D) TOPOLOGY: linear

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```
59      (ii) MOLECULE TYPE: Genomic DNA
60      (iii) HYPOTHETICAL: yes
C--> 61      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
C--> 63 TGCCTCCCGT AGGAGTCT 18
65      (2) INFORMATION FOR SEQ ID NO: 3:
66      (i) SEQUENCE CHARACTERISTICS:
67          (A) LENGTH: 20 bases
68          (B) TYPE: nucleic acid
W--> 69      (C) STRANDEDNESS: Not Applicable
70          (D) TOPOLOGY: linear
71      (ii) MOLECULE TYPE: Genomic DNA
72      (iii) HYPOTHETICAL: yes
C--> 73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
C--> 75 GATATTACCG CGGCTGGCTG 20
77      (2) INFORMATION FOR SEQ ID NO: 4:
78      (i) SEQUENCE CHARACTERISTICS:
79          (A) LENGTH: 18 bases
80          (B) TYPE: nucleic acid
W--> 81      (C) STRANDEDNESS: Not Applicable
82          (D) TOPOLOGY: linear
83      (ii) MOLECULE TYPE: Genomic DNA
84      (iii) HYPOTHETICAL: yes
C--> 85      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
C--> 87 ACGGGCGGTG TG TAGCAA 18
89      (2) INFORMATION FOR SEQ ID NO: 5:
90      (i) SEQUENCE CHARACTERISTICS:
91          (A) LENGTH: 19 bases
92          (B) TYPE: nucleic acid
W--> 93      (C) STRANDEDNESS: Not Applicable
94          (D) TOPOLOGY: linear
95      (ii) MOLECULE TYPE: Genomic DNA
96      (iii) HYPOTHETICAL: yes
C--> 97      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
C--> 99 ATTCCAGCTT CACGAGTC 19
101     (2) INFORMATION FOR SEQ ID NO: 6:
102     (i) SEQUENCE CHARACTERISTICS:
103         (A) LENGTH: 20 bases
104         (B) TYPE: nucleic acid
W--> 105     (C) STRANDEDNESS: Not Applicable
106         (D) TOPOLOGY: linear
107     (ii) MOLECULE TYPE: Genomic DNA
108     (iii) HYPOTHETICAL: yes
C--> 109     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
C--> 111 ACAGATTTGT GGGATTGGCT 20
113     (2) INFORMATION FOR SEQ ID NO: 7:
114     (i) SEQUENCE CHARACTERISTICS:
115         (A) LENGTH: 20 bases
116         (B) TYPE: nucleic acid
W--> 117     (C) STRANDEDNESS: Not Applicable
```

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118         (D) TOPOLOGY: linear
119     (ii) MOLECULE TYPE: Genomic DNA
120     (iii) HYPOTHETICAL: yes
C--> 121     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
C--> 123 AAGCCACCTT TTATGTTTGA  20
125 (2) INFORMATION FOR SEQ ID NO: 8:
126     (i) SEQUENCE CHARACTERISTICS:
127         (A) LENGTH: 20 bases
128         (B) TYPE: nucleic acid
W--> 129     (C) STRANDEDNESS: Not Applicable
130         (D) TOPOLOGY: linear
131     (ii) MOLECULE TYPE: Genomic DNA
132     (iii) HYPOTHETICAL: yes
C--> 133     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
C--> 135 CGGTTCAAAC AACCATCCGG  20
139 (2) INFORMATION FOR SEQ ID NO: 9:
140     (i) SEQUENCE CHARACTERISTICS:
141         (A) LENGTH: 20 bases
142         (B) TYPE: nucleic acid
W--> 143     (C) STRANDEDNESS: Not Applicable
144         (D) TOPOLOGY: linear
145     (ii) MOLECULE TYPE: Genomic DNA
146     (iii) HYPOTHETICAL: yes
C--> 147     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
C--> 149 CGGTCTTGCA GCTCTTTGTA  20
151 (2) INFORMATION FOR SEQ ID NO: 10:
152     (i) SEQUENCE CHARACTERISTICS:
153         (A) LENGTH: 20 bases
154         (B) TYPE: nucleic acid
W--> 155     (C) STRANDEDNESS: Not Applicable
156         (D) TOPOLOGY: linear
157     (ii) MOLECULE TYPE: Genomic DNA
158     (iii) HYPOTHETICAL: yes
C--> 159     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
C--> 161 CAACTAGCAC TTGTTCTTCC  20
```

VERIFICATION SUMMARY

DATE: 07/02/2001

PATENT APPLICATION: US/09/751,654

TIME: 16:43:25

Input Set : A:\PTO.txt

Output Set: N:\CRF3\07022001\I751654.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:32 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:36 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:247 C: Inserted Optional Header Field, [(ix) TELECOMMUNICATION INFORMATION:]
L:49 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:45 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=1
L:51 M:111 C: (47) String data converted to upper case,
L:61 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:57 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=2
L:63 M:111 C: (47) String data converted to upper case,
L:73 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:69 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=3
L:75 M:111 C: (47) String data converted to upper case,
L:85 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:81 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=4
L:87 M:111 C: (47) String data converted to upper case,
L:97 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:93 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=5
L:99 M:111 C: (47) String data converted to upper case,
L:109 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:105 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=6
L:111 M:111 C: (47) String data converted to upper case,
L:121 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:117 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=7
L:123 M:111 C: (47) String data converted to upper case,
L:133 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:129 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=8
L:135 M:111 C: (47) String data converted to upper case,
L:147 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:143 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=9
L:149 M:111 C: (47) String data converted to upper case,
L:159 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:155 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=10
L:161 M:111 C: (47) String data converted to upper case,